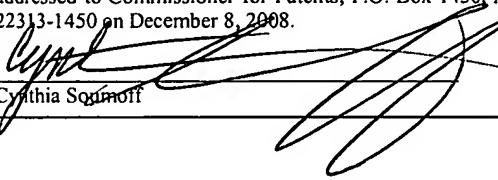




Docket No. 5058-105 US

The undersigned certifies that this communication is being deposited with the United States Postal Service as prepaid first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 8, 2008.


Cynthia Sonnoff

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Customer No.: 26817
PALEOS, Constantinos et al. :
U.S. Application No. 10/542,665 : Group Art Unit: 1797
Filed: January 13, 2006 : Examiner: SAVAGE, Mathew O.
Title: MODIFIED LIPOPHILIC POLYMERS : Confirmation No. 5824
FOR THE PURIFICATION OF WATER :
x

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT AND PRELIMINARY
AMENDMENT

Sir:

In an Office Action dated August 6, 2008, the Examiner required restriction to one of the following groups:

- I. Claims 1 - 6, drawn to dendrimeric polymers;
- II. Claims 7, 8, drawn to methods for the synthesis of dendrimeric polymers;
- III. Claims 9-12, drawn to uses of dendrimeric polymers.

Applicants herein elect with traverse Group III, claims 9-12, drawn to uses (methods) of dendrimeric and hyperbranched polymers, for prosecution in this application. Applicants submit that a search of the uses of Group III would uncover the polymers of Group I and the synthesizing methods of Group II. Further, Applicants submit that the claims have a novel shared technical feature. To wit, the claims share the novel technical feature of a nanocavity that is used to encapsulate pollutants.

The Examiner also requested restriction to a species. Applicant chooses the dendrimeric polymers in powder form (claim 10, now cancelled and replaced by claim 18).

Applicant respectfully requests the right to file a divisional application directed to the unelected claims.

Since the elected claims are drawn to uses of dendrimeric polymers and since uses, as such are not patentable, please cancel the claims and amend the above-identified application to add the following method claims. Claims 13-21 correspond to the cancelled use claims. Claim 22 corresponds to the cancelled synthesis claims. Cancelled claim 4 limitation is incorporated into claim 13. Please amend the specification and claims as follows: